

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





# THE BAGLEY SIGNAL

W. W. BAGLEY & SONS  
MARTINDALE, TEXAS

1942-43 SEASON



## Bagley Pedigreed Cottonseed IS WINNING ITS WAY INTO THE HEARTS OF THOUSANDS OF GROWERS



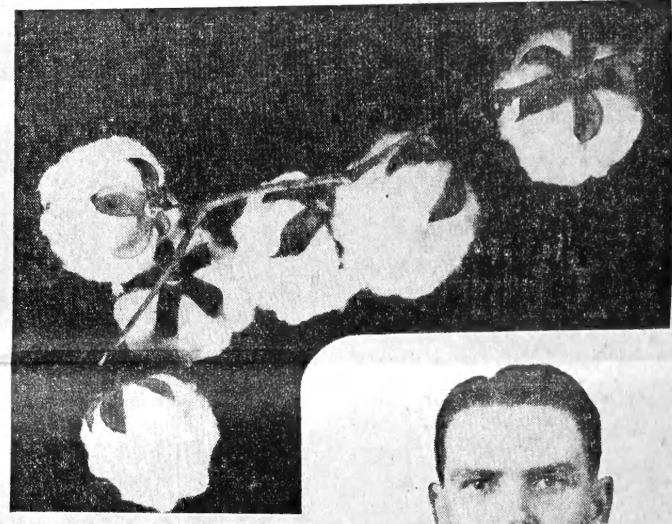
Every additional pound made by BAGLEY COTTON over other varieties means more money in your pocket. Even one more boll per stalk will increase your earnings materially.



W. W. BAGLEY, JR.



W. W. BAGLEY — Founder, Breeder and Grower, As He Appears Today.



One sack of BAGLEY PEDIGREED SEED planted in your own field will show you its worth and convince you of its extra high quality. Plant BAGLEY for bigger profits.



D. R. BAGLEY

### YOU WANT GOOD COTTON— With BAGLEY PEDIGREED SEED YOU CAN GROW THE BEST

Farmers planted more acres in BAGLEY PEDIGREED SEED this past season than ever before. This shows that BAGLEY COTTON is rapidly winning its way into the hearts of Cotton Growers and is becoming more popular each year. Farmers are switching to BAGLEY PEDIGREED COTTON to get the benefit of its greater production per acre, higher average lint turn-out, uniform quality staple and early maturity. We know every Grower wants good cotton and with BAGLEY PEDIGREED SEED you can produce the best.

We breed, grow and sell only our State Registered BAGLEY PEDIGREED COTTONSEED produced under our direct personal supervision and our supply of seed is at all times confined to the seed we grow on our limited acreage. When all of these seed are sold, we have no more seed to offer for sale until another crop can be grown. From W. W. BAGLEY & SONS you get GENUINE BAGLEY PEDIGREED SEED or none at all.

### 63% AHEAD

A recent check-up of our records reveals that bookings are 63 per cent ahead of last year. This means that more growers are booking their orders earlier in anticipation of the heavier demand for good seed. Also it means our supply will be cut down more rapidly and you will be using wise judgment in placing your order with us at the earliest possible date to make sure of getting your supply of BAGLEY PEDIGREED SEED. Order Blank is on last page of this folder for your use.

The demand for our BAGLEY SEED is always far greater than the supply. During past years thousands of orders have been received too late to be filled. This past year we had sold out by early Spring and our office was literally flooded with orders which had to be returned unfilled. This season there is an increasingly heavy demand and, no doubt, available supplies will be taken up early. Those who place their orders early will be assuring themselves of a supply of good seed and at the same time will be protected on price. Numbers of Cotton Growers have already made arrangements to get their supply of BAGLEY PEDIGREED COTTONSEED by booking their orders in advance with us and getting them in our files for shipment at a future date. We urge that you get your order booked NOW at our present SPECIAL PRICE. The seed do not have to be paid for until shipped. At our present SPECIAL PRICE our BAGLEY PEDIGREED SEED are culled, treated, sacked in new 3-bu. trade-marked bags and freight prepaid to your station in Texas. An Order Blank is on the last page of this folder for your use or, if you prefer, you can place your order with our local representative in your section. All orders placed with our Authorized Representatives are given the same careful attention as if they were mailed in direct or handed to us personally.

## ON TO VICTORY

VICTORY, when it comes in this war, will result from the action of two forces — Combat and Production, and successful combat depends on the production of materials that make combat possible. Production, likewise, is dependent on getting the materials with which to make the machines, tools, equipment of war, and the money to pay for them. It is the duty of every individual in this great nation of ours to consistently buy all of the War Savings Bonds and Stamps within their means to purchase. It will help bring VICTORY at a time when our way of life is being threatened. At such a moment every part in actual warfare. For the millions of men contributing our money later, many more millions of workers, men and women, will be needed to supply their needs. Production labor is fully as essential to winning the war as the action of armies and navies. Regardless of what a person does for his country, whether it is fighting or working, there is dignity and distinction connected with it.

Farmers, like ourselves and you are straining every effort to make the most we possibly can from every planted acre since we fully realize that on us depend millions of our boys in the far-flung battle zones. More home gardens, more poultry and eggs, more livestock, more grain and Cotton. Growers should use the best Pedigreed Seed available on their cotton acres, BAGLEY Pedigreed Seed will help you make more squares to make more bolls to make more good quality cotton to help win THE WAR.

### 27 YEARS OF CONTINUOUS BREEDING IS BEHIND EVERY BAG OF SEED WE SHIP

Twenty-seven years ago the first selections and early experimental work on Newest Improved BAGLEY PEDIGREED COTTONSEED was begun. For over a quarter of a century the essential Breeding Technique of constant hybridization and careful selection has been carried on in a most thorough manner. Consistent progress has been made and BAGLEY PEDIGREED SEED of today are thoroughbred in every way. Each bag that is shipped out bears evidence of that steady improvement down through the years. Due to the perfectly blended features incorporated in BAGLEY COTTON now it is fast becoming recognized as the well-balanced variety of real money-making ability.

Even though the breeding of BAGLEY COTTON was started many years ago NOT A SINGLE BUSHEL WAS RELEASED until we were fully and unconditionally satisfied that we had a cotton of Superior Merits. To obtain these highly-desirable Merits in the fullest degree required many years of patience, understanding, and honest, purposeful efforts.

WHEN THE FIRST BUSHEL OF BAGLEY PEDIGREED COTTON SEED was SOLD the QUALITY WAS THERE, and we have maintained and improved upon the quality ever since. These unsurpassed qualities present in BAGLEY COTTON are not merits received from idle hopes of the Breeder that he might plant in his field a superior cotton, nor from a season or two of attention in planting. Rather, they are the realization of botanical knowledge and practical experience focused on plant processes, urged on by our keen longing for an ideal cotton of greater money-making characteristics.

Some varieties produce a long staple; others may produce a good lint turn-out and some produce large yields with "inferior" staple. While there are other varieties that are adaptable to only certain types of soil.

In our Newest Improved BAGLEY PEDIGREED SEED you have the good features bred into the seed that help you to grow a money-making crop. When you plant BAGLEY SEED you have a seed that have bred into them a good lint turn-out, usually averaging 40 per cent and better, depending on weather conditions and soil; a seed bred with a large boll and a heavy producing plant; a seed bred with a long, even fiber that will bring top market price; a seed that will produce early-maturing plants and that are not partial to any particular section but will give good returns on any soil suited to cotton growing.

### REMEMBER

The Original and Genuine BAGLEY PEDIGREED COTTONSEED are bred, grown and sold only by W. W. BAGLEY & SONS, MARTINDALE, TEXAS. Accept no substitutes... Order direct from the Originators and Breeders to be sure you get pure seed and full value for your money. Every bag we ship bears our trademark for your protection.

EVERY FARMER KNOWS THE VALUE OF GOOD SEED

THE NEED IS GREAT NOW TO MAKE THE MOST ON EVERY ACRE



# MAKE MORE COTTON DOLLARS

## TAKE A TIP FROM THESE MEN

### Their Experiences Show That They Are Realizing Bigger Profits

#### Makes Over Bale Per Acre In Spite of Drought

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

Last year was my first year to grow BAGLEY COTTON and I found it to be the best cotton I had ever grown. It was a very dry season, but I made an average of over a bale per acre anyway. I received 43% turn-out at the gin and my ginner tried to buy all my seed to plant on his farm. My cotton brought the top price on the market. I am planting all BAGLEY this year as it stands the drought better than any cotton and is the easiest to pick and makes more money per acre.

Yours very truly,  
(Signed) M. W. Wallace,  
Rt. 8, Wills Point, Tex.

#### 1200 Lbs. Seed Cotton Makes 500-Lb. Bale

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

I am very much pleased with your cotton. I have just planted it one year, but I like the turn-out so well I want to plant it again this year.

I had 1200 lbs. of seed cotton and got a 500-lb. bale of lint and I found it easy to pick.

Yours truly,  
(Signed) T. W. Carroll,  
Rt. 2, Edgewood, Tex.

#### Bagley Is The Best Cotton To Grow



JOHN JANYSEK

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

Enclosed you will find check covering my seed.

I will plant most of my field in BAGLEY COTTON, as it is the best cotton to grow.

Yours truly,  
(Signed) John Janysek,  
Star Route,  
Helena, Texas.

#### Lists Turn-Outs From Bagley Cottonseed

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

I am listing below some turn-outs I have received from my BAGLEY COTTON—

Four bales from my farm in Trinity River Bottom:

1250 lbs. seed cotton—bale weighed 534.

1250 lbs. seed cotton—bale weighed 533.

1355 lbs. seed cotton—bale weighed 576.

1400 lbs. seed cotton—bale weighed 587.

Two bales from my sand farms:

1380 lbs. seed cotton—bale weighed 553.

1406 lbs. seed cotton—bale weighed 560.

Yours very truly,  
(Signed) L. H. Colbert,  
Oakwood, Texas.

#### Bagley Cotton Stands Drought Better

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

BAGLEY COTTON has withstood this long, continued drought better than any other cotton. Making a good gin turn-out and also an inch staple. We have had eleven weeks drought.

As ever your friend and booster,  
(Signed) Stephen J. Cook,  
Rt. 1, Jacksonville, Tex.

#### Extra Lint Per Cent — Better Price for Staple



J. E. HINDMAN

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

I am getting an extra lint per cent at the gin and a better price for my BAGLEY COTTON in Terrell because of the longer staple.

Other farmers are getting in.

Yours truly,  
(Signed) J. E. Hindman,  
Route 1, Terrell, Texas.

#### Makes \$105.00 More On 3-Bu. Sack Bagley Seed

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

I am glad to give you a report on test made last season with BAGLEY and two other varieties of cotton. I had three blocks of five acres each and planted 3 bu. of BAGLEY REGISTERED COTTONSEED on one five-acre block and 3 bu. each on the other two blocks of the best seed from the breeders of two other leading varieties of cotton. My BAGLEY COTTON made 2994 lb. lint cotton from 7080 lbs. seed cotton on the five acres, which is better than a bale per acre. My other cotton on each of the five-acre blocks made a few pounds more than 1700 lbs. of lint cotton. The BAGLEY made nearly twice the yield as the other cotton and I figure my BAGLEY COTTON made me \$36.00 more per bu. (or \$105.00 more on the 3-bu. sack) than the other varieties.

Yours very truly,  
(Signed) Oliver Driska,  
Rt. 1, Granger, Texas.

#### Wouldn't Plant Any Other Variety

W. W. Bagley & Sons, Martindale, Texas, Dear Mr. Bagley:

I have twenty-seven acres of BAGLEY COTTON. Wouldn't plant anything else. It's the best all round cotton I ever planted. One of my friends came to me and asked me what was the best cotton to plant. I told him BAGLEY. I gave him an order blank and he ordered one sack from you.

Yours truly,  
(Signed) J. M. Clark,  
Route 3, Box 78,  
Alto, Texas.

#### Makes 8 Bales on 6 Acres — Bolls Take Prize At County Fair

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

Just wanted to write you about my experience with BAGLEY COTTONSEED as compared with other varieties.

I had 6 acres of BAGLEY COTTON and made 8 bales. I planted and — right by the side of my BAGLEY and gathered only 8 bales from 12 acres of — and 2 bales from 4 acres of —

My BAGLEY BOLLS brought first prize at the County Fair.

Yours truly,  
(Signed) T. H. Vice,  
Bedias, Texas.

#### Favorable Results From Bagley Pedigreed Cottonseed

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

Attached you will find three orders for one sack each. These three men report very favorable results from your cotton this past season — by far out-yielding the cotton adopted here — better yield per acre, much better lint turn-out, better grade and staple.

Yours truly,  
(Signed) Pat Mitchell,  
Haskell, Texas.

#### Bagley Cotton Has Best Staple in Dry Section

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

All who planted BAGLEY SEED in the Terrell community are well pleased with it.

I sold two bales of my BAGLEY COTTON to the Government Buyer, and he said the government would like to buy two million bales of that cotton. He said it was the best staple in this dry section.

Yours truly,  
(Signed) W. R. Vaughan,  
Royce City, Texas.

#### Dry Weather Fails To Affect Bagley Turn-Out

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

Most everyone likes the BAGLEY COTTON here.

Just yesterday I ginned right behind a bale load of snapped cotton with 2100 lbs. seed 570 lbs. bale weighed 515 lbs. My BAGLEY snapped 1660 lbs., seed 800 lbs., bale 515 lbs. These records are at the Farmers Gin Co., under date of 9/19/39.

It has been dry here this season. In fact the driest in several years.

Yours truly,  
(Signed) C. D. Speice,  
Byers, Texas.

#### Likes To Pick Bagley Cotton

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

I am enclosing my check to cover my order of six bushels of your PEDIGREED PLANTING SEED.

I am looking forward to another good crop with BAGLEY COTTON. We like to pick in BAGLEY COTTON and like the way it fruits, too.

I thank you.

Very sincerely yours,  
(Signed) Wilson H. Wisting,  
Rt. 1, Marlin, Texas.

#### A BALE PER ACRE

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

I am writing you in regard to your BAGLEY SEED. I have used your pure-bred BAGLEY SEED for years. You don't have to talk for your seed — they speak for themselves. They do all you say about them and more, too, out here on this poor land. There are none I have tried that can come up to them.

Very truly yours,  
(Signed) Dock Thompson,  
Rt. 2, Box 651,  
Texarkana, Texas.

#### You Don't Have To Talk For Your Seed — They Speak For Themselves

Dear Mr. W. W. Bagley & Sons:

I am writing you in regard to your BAGLEY SEED. I have used your pure-bred BAGLEY SEED for years. You don't have to talk for your seed — they speak for themselves. They do all you say about them and more, too, out here on this poor land. There are none I have tried that can come up to them.

Very truly yours,  
(Signed) Dock Thompson,  
Rt. 2, Box 651,  
Texarkana, Texas.

#### You Have a Great Cottonseed

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

You have a great cottonseed. Book my order for 3 bushels, to be shipped about March 15th. Let me know if I can get them.

Yours truly,  
(Signed) D. C. Johnson,  
Rt. 3, Box 38,  
Longview, Texas.

#### All Are Pleased With Bagley Cotton Here

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

All are pleased with BAGLEY COTTON here. 1300 lbs. seed cotton is making from 561 to 570-lb. bales.

Yours truly,  
(Signed) W. N. Eubanks,  
Route 1, Mexia, Tex.

#### The Best Cotton I Have Ever Seen Growing



J. F. BROWN AND WIFE

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

Would like to have the price on 100 bushels of seed at your plant. I think BAGLEY COTTON is one of the best cottons that I have ever seen growing.

Yours respectfully,  
(Signed) J. F. Brown,  
Route 3, Troup, Texas.

#### Bagley Cotton Turns Out 77 More Pounds of Lint Per Bale Than Another Variety

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

Please send me another sack of your BAGLEY COTTONSEED. My friend wants to try your cotton out, too. I told him how good it was, for I have tried it out with 77 more pounds of lint than did on a bale of seed cotton. My seed cotton weighed 1306 pounds and my bale weighed 535 pounds.

Yours truly,  
(Signed) Emil P. Mueller,  
Route 1, Box 285,  
Burton, Texas.

#### Makes Over Three Bales From Only One Sack

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

I bought a sack, 3 bushels, of your BAGLEY BETTER PEDIGREED COTTONSEED this year and planted 4 acres. I have picked 3 bales of cotton off of the 4 acres and will get a remnant.

First seed cotton—1420—lint 585. Second seed cotton—1320—lint 573. Third seed cotton—1320—lint 562.

Am sending an order for more BAGLEY SEED.

Yours truly,  
(Signed) R. R. Rand,  
Personville, Texas.

#### Gets a Better Turn-Out From Bagley Seed Than Any Other

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

I like the BAGLEY SEED fine. I get a better turnout with BAGLEY SEED than any seed I have ever tried.

I want to place my order for three bushels to be delivered to me October 15th, 1939.

Yours truly,  
(Signed) S. C. Winslett,  
Route 2, Coleman, Tex.

#### Likes Bagley Seed Fine — Places Standing Order

W. W. Bagley & Sons, Martindale, Texas, Dear Friends:

I am sending you a standing order for 3 bushels of BAGLEY SEED. I have planted BAGLEY SEED for 2 years and like it fine and I will keep planting it for it is the best cotton I have ever grown.

Yours very truly,  
(Signed) Theodore Brinkman,  
Rt. 1, Caldwell, Tex.

#### Best Cotton Ever Planted



W. L. BARNES

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

Please send me five sacks instead of four sacks of your BAGLEY PEDIGREED COTTONSEED. I think you have the best cotton I ever planted. I made 40% lint on an average all Fall.

As ever your friend,  
(Signed) W. L. Barnes,  
Route 2, Frisco, Texas.

#### Likes Bagley Seed Best

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

I am sending my order for six bushels of your good cottonseed. I think you have the best cottonseed I ever planted. You may send my order the first of March.

Thanks,  
(Signed) W. M. Sawyer,  
Route 4, Box 90,  
Brownwood, Texas.

#### Your Seed Are the Best

W. W. Bagley & Sons, Martindale, Texas, Dear Sirs:

Make my order for six bushels instead of three. I have planted your seed for four years and have found them to be the best. Please ship my seed 1st of March.

Yours customer,  
(Signed) W. W. Edwards,  
Rt. 3, Kaufman, Tex.

#### The Best All-Round Cotton In This Section

W. W. Bagley & Sons, Martindale, Texas, Gentlemen:

Please ship my seed as per order. I was well pleased with my BAGLEY SEED and COTTON last year and believe it is the best all-round cotton grown in this section.

Yours truly,  
(Signed) G. W. Goodwin,  
Route 4,  
Wills Point, Texas.

#### All Seed Properly Cured

As Breeders of High Grade BAGLEY PEDIGREED COTTONSEED, we realize fully the vital importance of proper care and treatment of seed before offering them for sale. We know that every farmer wants seed of uniform size that plant easily, and are well cured and treated in order to get a better germination and stand.

BAGLEY PEDIGREED SEED are taken directly from the gin to our large, roomy seedhouses to be cured. All BAGLEY seedhouses are constructed especially for curing purposes and are equipped with ventilators which allow fresh air to circulate at all times, both above and below the seed. Large ventilators are built in the roofs and numerous windows create a constant draft of air throughout the building. Air passages underneath the floor also allow a continuous current of air to pass under the building keeping the seed as cool on the bottom as they are on top. While in the "green" state BAGLEY PEDIGREED SEED are kept well spread out and are turned almost continuously to prevent any heating. We take pride in the High Quality Seed that we ship and spare no expense or time in the necessary care and preparation of our seed.

#### Electric Air-Blast Culling Process

Directly above is a close-up view of one of our electrically powered Air-Blast Culling Machines and at right above, several of these machines are shown in operation at the same time. After BAGLEY PEDIGREED SEED have been properly cured they are put through the culling, cleaning, treating and sacking processes. All of our seed are run through modern, electrically-powered, air-blast Culling Machines (like the ones shown above) which remove inert matter, lint, undeveloped seed, oversized seed, LEAVING ONLY THE WELL-FILLED OUT, UNIFORM SIZED SEED WHICH WE SHIP OUR CUSTOMERS. These culled seed are then carefully

#### Preparing Bagley Seed for Shipment

treated with a dust disinfectant which aids germination and engenders faster, early growth. After treatment they are weighed and sacked in our new, 3-bushel, trade-marked bags ready for shipment. We wish it were possible for every Cotton Grower to visit our Breeding Plant while we are preparing BAGLEY PEDIGREED COTTONSEED for sale, in order that everyone might see for himself the thorough methods which we employ.

#### Shipment of Bagley Seed Goes Out To Texas Cotton Farmers

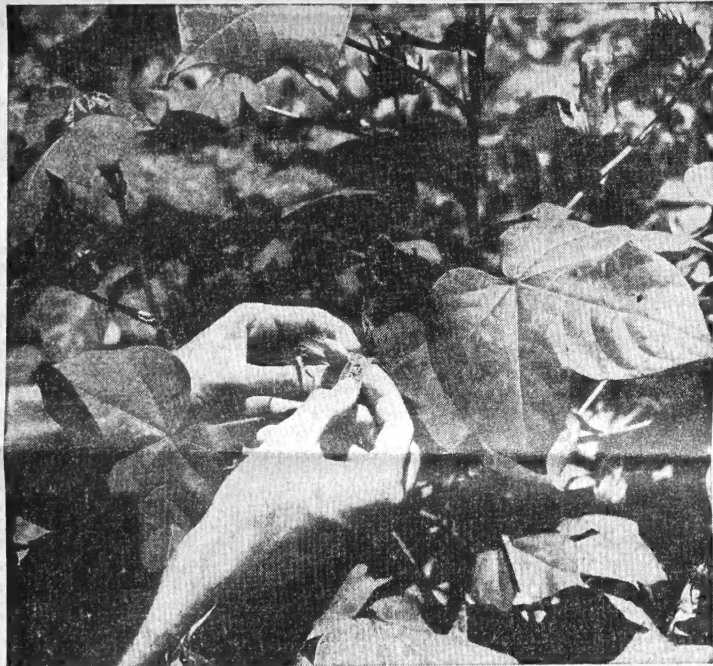
Shipments, like the one shown above, go out each season until our supply of Bagley Pedigreed Seed is exhausted. The majority of our friends and customers order early and we can give them most any shipping date they want. Regular periodical shipments are made by us on the 1st and 15th of each month. It pays to order early and get early shipping date especially with the heavy demand that is prevalent this season.

# FOR MAXIMUM RESULTS IN COTTON GROWING USE BAGLEY PEDIGREED SEED



# LONG, TEDIOUS HOURS ARE BEHIND OUR SUCCESS IN COTTON BREEDING

Nothing Is Left Undone in Delivering You Seed of Supreme High Quality



Above photo taken July 20 th (Shows Corolla being removed from mother bloom preparatory to making cross the following morning.)

Hybridization work forms an important part of our breeding procedure each season and the three large photos shown diagonally on this page outline the main steps in effecting a cross. During afternoon of July 20th the above flower bud was chosen for emasculation. This bud was recognized to be at the right stage of development due to the enlarged, yet twisted and folded, corolla; which showed that it was scheduled to open the following morning. The folded corolla (or bloom leaves) are being removed with a sharp instrument as shown above. The anthers, or male part of this flower, are next removed by gently and carefully cutting them off with instrument. After the anthers are removed the flower is said to be emasculated leaving only the pistil, or female part of the flower. The stigma is the club-shaped portion at the top. A small paper bag is next tied over the emasculated flower bud and left until the next morning. To provide a supply of pure pollen, bags are tied over similar flower buds on plants of the strain that is to be crossed on the first. For next step see photo at right.

THOUSANDS UPON THOUSANDS of hours have been spent in endless toil bringing BAGLEY PEDIGREED COTTONSEED up to its present high standard of quality and purity. Our work is never finished. It is a continuous year-round job. Our breeding operations are enormous and the results achieved have been successful and indeed gratifying. We have never come to the point yet to say "it is good enough" but rather "pushing forward" is our motto and we are constantly in the field carefully seeking out those features which can be improved, and making such improvements as rapidly as possible so as to enable the Bagley Growers to make more profits. Our every effort is bent toward the end of developing our cotton to the finest degree of perfection. Our entire time and all of our thoughts, energy and resources are utilized in breeding and growing the very best seed that it is possible to produce. Every bushel of our Newest Improved BAGLEY PEDIGREED COTTONSEED is absolutely guaranteed to grow like we say it will under average and normal conditions.

In the photo at the left and those below we are showing you an outline of one of the many phases of our cotton breeding work. When you consider that hundreds of these crosses are

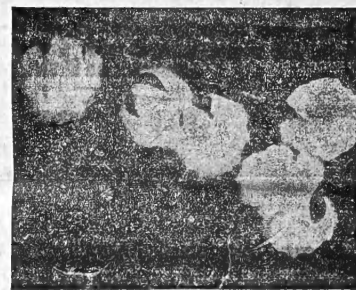
made each season you can readily see that it is an immense and tedious job. In addition to our hybridization work we have thousands of individual boll, stalk, row and increase progenies that are studied and carried on from year to year.

We want you to bear in mind that every single operation in the breeding, growing and handling of BAGLEY PEDIGREED COTTONSEED is personally directed and carefully executed by ourselves. We do not entrust this job to others. We attend to every single phase of the work ourselves. The scientific and practical knowledge of the three members of our firm is devoted to the continued improvement of BAGLEY COTTON. By having a firm member to look after each department of work we are better able to maintain and improve the quality of BAGLEY SEED than are those men, who, by necessity, have to place any phase or all of this important work in the hands of disinterested parties who only "half-do" the job. Shipping you quality seed means something to us. We are in the business to stay and satisfied customers are our best advertisement. We offer you better seed backed by 27 years of good sound breeding. When you invest in State Registered BAGLEY PEDIGREED COTTONSEED you can be sure of getting seed that have been properly bred, grown, ginned and handled.



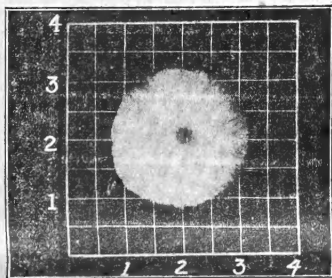
ABOVE, W. W. Bagley Jr. is shown, on the morning of July 21st, examining the anthers of the male bloom for the purpose of determining whether the pollen is being given off and is at the proper stage for transmission to the emasculated bloom on the other plant. Also, it is noted in this examination if male bloom is five-lock. If less than five-lock another of the bagged blooms is selected for crossing. A whole flower is removed from the plant that is to furnish the pollen. The anthers in this flower will be open showing a mass of yellow pollen. For next step see picture at right and details above photo.

Ordinarily our BAGLEY COTTON makes from 10 to 20% More Per Acre than common varieties. During our breeding procedure, year after year, particular attention has been focused on developing a sturdier, more vigorous stalk; one that will develop squares and set bolls rapidly. Our present compact, pyramid-type stalks (shown on page 4) gives you an idea of the prolificness of our cotton. Our short-jointed, heavy-bearing fruiting branches with a maximum of large, five-lock drooping bolls are added advantages of our BAGLEY COTTON. The Bagley Boll is easily picked, yet it will stay in the boll during wind and rain. It has a reasonably thin burr that opens nicely and picks clean. It is often reported by growers that a bale of good Bagley Cotton can be picked in one-half the time required to pick a bale of smaller boll cottons.



10 to 20% More Per Acre Than Ordinary Varieties

BELOW, the brush of anthers is rubbed against the stigma of the emasculated flower which is sticky, being coated with a sirup-like substance to which pollen grains will adhere and in which they will germinate. When the work is done well, pollen can be seen on the stigma. The paper bag is again tied over the crossed flower to keep away insects, and left until the resulting boll opens. Tag is attached to the flower for our later recording. Usually from 50 to 75% of the crosses are successful, dependent on the weather and amount of shedding during period of boll enlargement.



Long, Hard, Uniform, 1 to 1-16-Inch Staple

BAGLEY PEDIGREED COTTON has a Smooth, Even, Strong, Hard Staple of an inch to an inch and one-sixteenth in length, depending on soil and season. It is not uncommon to hear of growers selling their BAGLEY COTTON from 100 to 200 points on which gives them from \$5.00 to \$10.00 per bale premium. The uniformity and good character of the Bagley Fiber, produced under normal conditions, commands a nice premium wherever cotton is

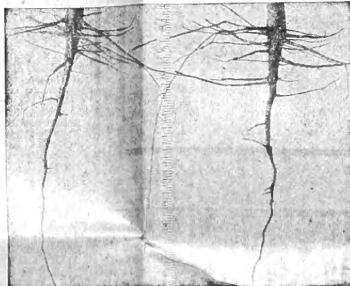
sold on staple merits. Cotton Textile Mills can afford to pay more for BAGLEY STAPLE COTTON which shows little waste in the spinning process. Much attention is being devoted each year to maintaining and improving the high quality staple which we now have.

<b>BAGLEY</b>		A. H. SMITH GIN COMPANY Largest Cotton Gin in the World Marquette, Texas	
Ginning Date: 7/26/30		Bale No. 48	
Class:	2850	Lint Per Cent:	42.5
Turn:	12.40	Weight of Bale:	480
Seed:	1.0	Net Weight:	470
Lint:	12.30	Net Weight:	470
Weight of Bale:	480	Net Weight:	470
Net Weight:	470	Net Weight:	470

Consistent Gin Lint Turn-Out of 40 to 42%

Lint per acre. None of us grow cotton for the fun of growing it; what we are interested in is the returns we receive in Dollars and Cents. The Good Turn-out of BAGLEY COTTON lessens your cost of production thereby helping you to realize more Dollars and Cents on every acre.

The Deep, Penetrating Root System makes Bagley Cotton a real Drought Resister and insures you of a good yield per acre where other varieties suffer. Because of this feature the Bagley Plant continues to put on long after ordinary varieties, with poor root systems, have become completely exhausted. The Bagley stalk also has a healthy, vigorous lateral root spread that helps to increase production. The foundation of any structure should be of the very best material. You can rely on the Bagley Root System to do its part in making you more Dollars since we have emphasized this in our breeding work each year realizing that this is a very important feature.



Deep, Penetrating Tap Roots Insure Good Yield Per Acre



"PLANT SEED OF RECOGNIZED QUALITY WITH GOOD SOUND BREEDING BEHIND THEM"



# FARMERS ARE INCREASING PRODUCTION WITH

## Bagley Pedigreed Cottonseed



### WE WILL WIN THE BATTLE OF PRODUCTION

The Government's need for "King" Cotton and cotton seed has aroused our interest more than ever before in this temperamental but vital war crop. It is urgently needed for manufacture of war-use fabrics, clothing, food and feed.

The first consideration is a stock of good, highly-bred seed from a reliable source. The mills want a uniform, even-running, good character staple cotton as it is highly desirable and reduces their waste in the spinning process. It will benefit the farmer then to produce Bagley uniform staple by using High-Quality BAGLEY PEDIGREED COTTONSEED.

Our Secretary of Agriculture Wickard has called on the Nation's two and a half million cotton farmers to plant their full national acreage allotment of about 27,400,000 acres of cotton and to plant as much as possible in medium and longer staple varieties in order to assure adequate supplies of the quantities needed to meet the heavy requirements.

Then it is up to us, the American Farmers, to strain every effort to fill these needs, and it will be done. The farmers are on the home front, waging the battle of production that must parallel the battle of the factories and the tug-of-war itself in other lands.

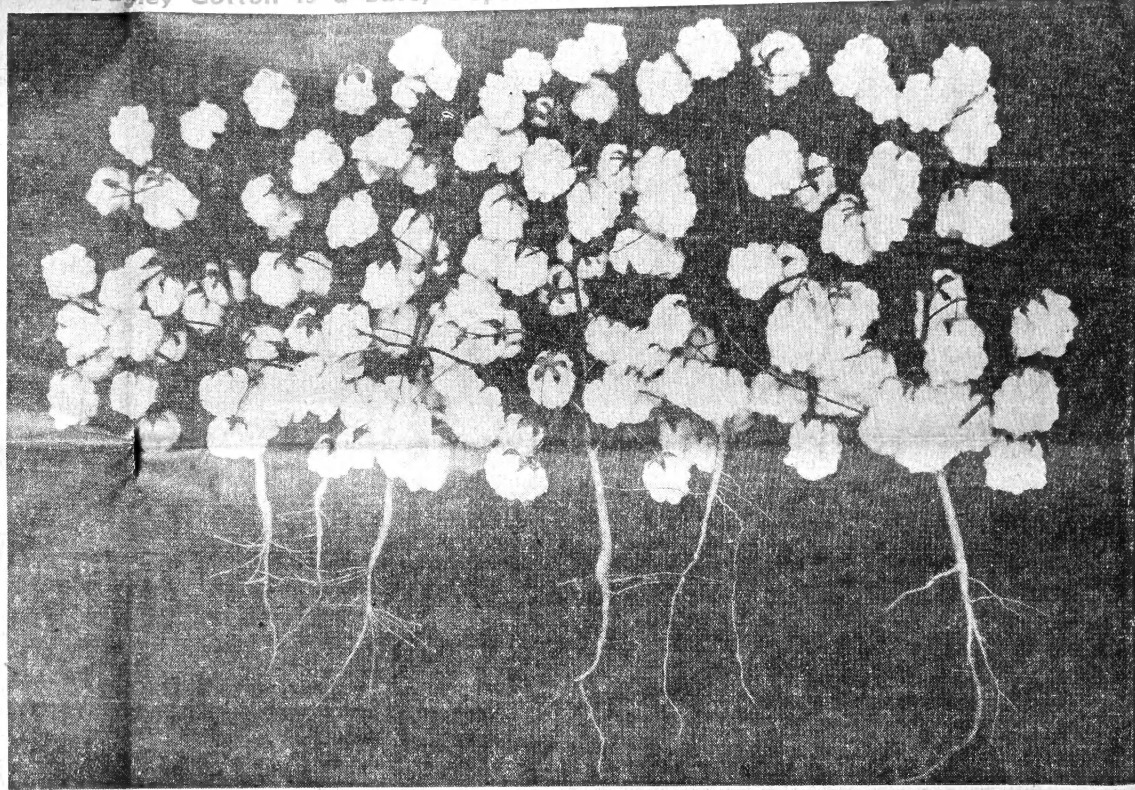
W. W. BAGLEY & SONS,—the key cotton breeders,—want the American farmer, while working for so just and righteous a cause, to be benefited by so doing and come through victorious.

PLANT OUR RELIABLE SEED OF RECOGNIZED QUALITY AND PURITY. YOU CAN COUNT ON BAGLEY PEDIGREED SEED TO HELP YOU WIN.

**SUPPLY LIMITED—DEMAND IS HEAVY**

Place your order with Our Agent in Your Section or use the Order Blank Below at left. All orders placed with Our Representatives will receive the same careful attention as if they were handed to us personally.

Bagley Cotton Is a Safe, Dependable Variety — It Is Properly Bred



**ORDER NOW AND SAVE MONEY  
PRICE IS LIKELY TO ADVANCE**

**THE MOST PROFITABLE  
VARIETY TO GROW**

**W. W. BAGLEY & SONS**  
COTTON BREEDERS  
Martindale, Texas

194.....

Please enter my order for.....bushels of New-  
est Improved Bagley Pedigreed Cottonseed at.....  
per bushel, with freight charges prepaid to my station  
in Texas, according to your standard terms and con-  
ditions.

Ship on or about..... Order No.....

Name.....

P. O. Address.....

R. F. D..... Box No.....

Railway Station.....

Check or Money Order Inclosed \$.....

Draw through..... Bank

Location of Bank (town).....

Terms: Cash payable on shipping date.

Purchaser.....

OUR GUARANTEE . . .

If seed that you purchase from us on this order do not  
give you the results you have a right to expect, we will make  
it right with you. W. W. BAGLEY & SONS —  
Cotton Breeders

**Inside This SACK  
You'll Find  
That  
HIGH  
QUALITY  
Found  
Only  
In  
BAGLEY  
PEDIGREED  
COTTONSEED**



**40% to 42% Lint Turn-Out**

**10% to 20% More Cotton Per Acre**

**1 to 1 1-16 Inch Uniform Staple**

**Big, Five-Lock Bolls**

**Short-Jointed Fruiting Branches**

**Deep Penetrating Tap Roots**

**Minimum of Foliage**

**Early Maturing Plants**

**Strong, Sturdy, Compact Stalks**

**Easy to Pick**

**Uniform, High-Quality Seed**

BELOW ARE SHOWN THE OFFICES AND MAIN WAREHOUSES WHERE BAGLEY PEDIGREED SEED ARE TESTED, CURED AND STORED



**W. W. BAGLEY & SONS COTTON BREEDERS MARTINDALE, TEXAS**